

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Faramarz Rabii and Richard J. Morris
Application No.: 09/866,383 Group Art Unit: 2151
Filed: May 25, 2001 Examiner: N/A
Title: HIGH PERFORMANCE EFFICIENT SUBSYSTEM FOR
DATA OBJECT STORAGE

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AUG 19 2002

Technology Center 2100



CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on <u>August 14, 2002</u>	<u>Jennifer Warner</u>
Date	Signature
<u>Jennifer Warner</u>	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
 - ☒ Copies of the cited references are enclosed.
 - ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
 - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
 - ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

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Dated: Aug. 13, 2002

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
2357.2004-001

APPLICATION NO.
09/866,383

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

August 14, 2002

(Use several sheets if necessary)

APPLICANTS
Faramarz Rabii and Richard J. Morris

FILING DATE
May 25, 2001

GROUP
2151

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
Fr	AA	5,276,840	1/4/94	Yu	395	425	
Fr	AB	5,339,398	8/16/94	Shah, et al.	395	400	
Fr	AC	5,745,749	4/28/98	Onodera	395	612	
Fr	AD	5,787,435	7/28/98	Burrows	707	102	
Fr	AE	5,806,079	9/8/98	Rivette, et al.	707	512	
Fr	AF	5,809,494	9/15/98	Nguyen	707	1	
Fr	AG	5,822,759	10/13/98	Treynor	711	134	
Fr	AH	5,864,852	1/26/99	Luotonen	707	10	
Fr	AI	5,864,863	1/26/99	Burrows	707	103	
Fr	AJ	5,892,919	4/6/99	Nielsen	395	200.58	
Fr	AK	5,897,637	4/27/99	Guha	707	101	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Fr	AR	Kun-Lung Wu, et al., "Load Balancing and Hot Spot Relief for Hash Routing Among a Collection of Proxy Caches," Conference proceedings, IEEE, Austin, TX May 31-June 4, 1999, XP 002190278
Fr	AS	Danzig, P., "NetCache Architecture and Deployment," Computer Networks and ISDN Systems 30 (1998) 2081-2091
Fr	AT	Ross, K.W., "Hash Routing for Collections of Shared Web Caches," IEEE Network, IEEE Inc. New York vol. 11, no. 6, November 1997, XP-000737464
Fr	AU	Chang, D. W., et al., "Adaptive-level Memory Caches on World Wide Web Servers," Computer Networks 32 (2000), Elsevier Science.

EXAMINER

Fred Shichory

DATE CONSIDERED

12/26/03

EPO 140 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION August 14, 2002 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 2357.2004-001		APPLICATION NO. 09/866,383			
APPLICANTS Faramarz Rabii and Richard J.		FILING DATE May 25, 2001		GROUP 2151			
U.S. PATENT DOCUMENTS							
Technology Center 2100							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FR	AA2	6,269,088 B1	7/31/01	Masui, et al.	370	335	
FR	AB2	6,275,919 B1	8/14/01	Johnson	711	216	
FR	AC2	6,292,880 B1	9/18/01	Mattis, et al.	711	216	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
FR	AV	Chankhunthod, A., et al. (Computer Science Dept., Univ. of S. Calif.) and Schwartz, M. F., et al. (Computer Science Dept., Univ. of Colorado-Boulder), "A Hierarchical Internet Object Cache." (No Date Given).					
FR	AW	Schwartz, M.F., et al., "An Architecture for Discovering and Visualizing Characteristics of Large Internets," Dept. of Computer Science, Univ. of Colorado, Boulder, Colorado 80309-0430, CU-CS-520-91 pp. 1-12 (February 1991).					
FR	AX	Guyton, J.D., et al., "Locating Nearby Copies of Replicated Internet Servers," SIGCOMM '95, pp. 288-298 (1995).					
FR	AY	Seltzer, M., et al., "An Implementation of a Log-Structured File System for UNIX," 1993 Winter USENIX, pp. 307-326 (Jan. 25-29, 1993).					
EXAMINER				DATE CONSIDERED			
Fred Shichoy				12/26/03			

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 AUG 16 2002
 TRADEMARK OFFICE

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 AUG 19 2002